



## Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact [support@jstor.org](mailto:support@jstor.org).

# SCIENCE

EDITORIAL COMMITTEE: S. NEWCOMB, Mathematics; R. S. WOODWARD, Mechanics; E. C. PICKERING, Astronomy; T. C. MENDENHALL, Physics; R. H. THURSTON, Engineering; IRA REMSEN, Chemistry; J. LE CONTE, Geology; W. M. DAVIS, Physiography; O. C. MARSH, Paleontology; W. K. BROOKS, C. HART MERRIAM, Zoology; S. H. SCUDDER, Entomology; C. E. BESSEY, N. L. BRITTON, Botany; HENRY F. OSBOEN, General Biology; C. S. MINOT, Embryology, Histology; H. P. BOWDITCH, Physiology; J. S. BILLINGS, Hygiene; J. McKEEN CATTELL, Psychology; DANIEL G. BRINTON, J. W. POWELL, Anthropology.

FRIDAY, MARCH 4, 1898.

## CONTENTS:

<i>Audubon and his Journals (with Plate):</i> C. HART MERRIAM.....	289
<i>The Import of the Totem:</i> ALICE C. FLETCHER....	296
<i>Multiple-cylinder Steam Engine:</i> R. H. THURSTON....	304
<i>Prehistoric Quartzite Quarries in Central Eastern Wyoming:</i> WILBUR C. KNIGHT.....	308
<i>Association of American Anatomists:</i> D. S. LAMB.....	311
<i>Current Notes on Anthropology:—</i>	
<i>South American Ethnography; Living Tribes in the Stone Age:</i> D. G. BRINTON .....	312
<i>Scientific Notes and News .....</i>	313
<i>University and Educational News.....</i>	316
<i>Discussion and Correspondence:—</i>	
<i>Brevity in Citations:</i> HENRY B. WARD.....	317
<i>Scientific Literature:—</i>	
<i>Pfeffer's Pflanzenphysiologie:</i> D. T. MACDOUGAL. Trail and Camp-fire: C. H. M.....	318
<i>Societies and Academies:—</i>	
<i>The Philosophical Society of Washington:</i> E. D. PRESTON. Zoological Club of the University of Chicago: C. M. CHILD, G. W. HUNTER, JR. Torrey Botanical Club: E. S. BURGESS.....	321
<i>Scientific Journals.....</i>	323
<i>New Books.....</i>	324

MSS. intended for publication and books, etc., intended for review should be sent to the responsible editor, Prof. J. McKeen Cattell, Garrison-on-Hudson, N. Y.

## AUDUBON AND HIS JOURNALS.

THE memory of Audubon is dear to the hearts of the American people. The vigor and versatility of his writings, the eminence he attained as a naturalist, and his high personal character won him the admiration of his contemporaries and made

him an honored son in the land of his adoption. Born at an opportune time and transported to the New World when still a lad, he undertook and accomplished one of the most gigantic tasks it has ever fallen to the lot of one man to perform. Although for years deflected from the course Nature had laid out for him, and tortured by half-hearted attempts at a commercial life against which his restive spirit rebelled, he finally broke loose from his bondage and devoted the remainder of his days to the grand work which has made his name immortal.

Audubon was a man of phenomenal powers of endurance and indomitable courage; his determination, perseverance and force of character are shown by the way he overcame seemingly insuperable obstacles. Is it not extraordinary that a person of his humble means should not only complete such an unparalleled series of paintings but should cross the ocean, make friends and admirers of noblemen and leading men of science, and succeed, in spite of the enormous cost, in bringing out in colors an atlas of 435 double elephant folio plates of birds?

His magnificent contributions to the natural history of the New World have not been surpassed. The best known of these is the *Birds of America*.\* The equally

\*The plates were originally issued in 87 parts, covering a period of twelve years (1827-1838). The